## CLAIMS

1	1.	A method for remote monitoring of a premises, said method comprising the steps of:
2		operatively coupling a remote client to a security system server, said security
3		system server being capable of authenticating a user of said remote client;
4		operatively coupling said remote client to a security gateway, said security
5	0.0	gateway being capable of managing the monitoring of one or more portions of said
6		premises;
7		activating a signal at said premises for notifying an occupant at said premises that
8		remote monitoring is occurring; and
9		transferring information between said security gateway and said remote client;
10		wherein said user is at a location which is geographically remote from said
11		premises.
1	2.	The method of claim 1, wherein the step of transferring information between said security
2		gateway and said remote client is controlled by said user of said remote client.
1	3.	The method of claim 1, wherein said security gateway is operably coupled to at least one
2		camera located at said premises.
1	4.	The method of claim 3, wherein said remote client is operable to control the output of
2		said at least one camera located at said premises.
1	5.	The method of claim 1, wherein said security gateway is operably coupled to at least one
2		audio station.
1 \ '	' · 6.	The method of claim 5, wherein said remote client is operable to control the output of
2		said at least one audio station.
1	7	The mostle defection 1 wherein said signal commisses on audible signal
1	7.	The method of claim 1, wherein said signal comprises an audible signal.
1	8.	The method of claim 7, wherein said audible signal is transmitted to a speaker.
1	9.	The method of claim 7, wherein said audible signal comprises a sound uniquely
2		associated with said user.

- 1 10. The method of claim 7, wherein said audible signal comprises speech.
- 1 11. The method of claim 10, wherein said audible signal identifies said user.
- 1 12. The method of claim 1, wherein said signal comprises visual data.
- 1 13. The method of claim 12, wherein said visual data comprises a depiction of said user.
- 1 14. The method of claim 12, wherein said visual data comprises a graphical image.
- 1 15. The method of claim 12, wherein said visual data comprises an alphanumeric message.
- 1 16. The method of claim 15, wherein said alphanumeric message identifies said user.
- 1 17. The method of claim 15, wherein said step of activating said signal comprises
- 2 transmitting said alphanumeric message to a keypad located at said premises.
- 1 18. The method of claim 12, wherein said visual data is transmitted to a display device.
- 1 19. The method of claim 18, wherein said display device comprises a television.
- The method of claim 1, wherein said step of activating said signal comprises activating a
- 2 light source at said premises.
- 1 21. The method of claim 1, wherein said step of activating said signal comprises activating
- 2 an LED located on said camera.
- 1 22. The method of claim 1, wherein said step of activating said signal comprises activating
- 2 an LED located on a keypad located at said premises.

I	23.	The method of claim 1, further comprising the steps of:
2		verifying the identification of said user of said remote client;
3		transmitting an access token from said security system server to said remote
4		client; and
5		providing said security gateway with information about said user and said access
6	. •	token;
7		wherein said access token is adapted to allow said remote client to access said
8		security gateway based on said user's permission profile; and
9		wherein said user's permission profile is created by a general administrator of said
.0		security gateway.
1	24.	The method of claim 23, wherein said general administrator of said security
2		system is capable of modifying said user's permission profile.
1	25.	The method of claim 23, wherein said step of verifying said identification of said user
2		comprises authenticating biometric data.
1	26.	The method of claim 23, wherein said access token expires at a designated time and date.
I	27.	The method of claim 23, wherein said access token expires after a designated length of
2		time has elapsed.
1	28.	The method of claim 23, wherein said access token expires after a designated number of
2	-	accesses have occurred.
1	29.	The method of claim 23, wherein said access token allows access to specific features of
2		said security gateway according to said user's permission profile.
1	30.	The method of claim 23, wherein said access token allows access to one or more
2		designated cameras located at said premises.
1	31.	The method of claim 23, wherein said access token allows access to one or more
2		designated audio stations located at said premises.

1	32.	The method of claim 1, wherein said security gateway comprises a controller capable of
2		performing one or more building automation and control functions.
1	33.	The method of claim 32, further comprising the step of:
2		operably coupling said remote client to said controller, wherein said controller is
3		capable of controlling one or more air conditioning systems at said premises.
1	34.	The method of claim 32, further comprising the step of:
2 .		operably coupling said remote client to said controller, wherein said controller is
3		capable of controlling one or more doors at said premises.
1	35.	The method of claim 32, further comprising the step of:
2		operably coupling said remote client to said controller, wherein said controller is
3		capable of controlling one or more lighting devices at said premises.
1	36.	The method of claim 32, further comprising the step of:
2		operably coupling said remote client to said controller, wherein said controller is
3		capable of controlling an irrigation system at said premises.
1	37.	The method of claim 32, further comprising the step of:
2		operably coupling said remote client to said controller, wherein said controller is
3		capable of controlling an electrical appliance at said premises.
1	38.	The method of claim 1, further comprising the step of:
2		streaming data in substantially real-time from said security gateway to said
3		remote client.
1	39.	The method of claim 1, further comprising the step of:
2	•	enabling substantially real-time audio communication between said remote client
3	ı	and said security gateway.
1	40.	The method of claim 1, further comprising the step of:
2		enabling substantially real-time video communication between said remote client
3		and said security gateway.

1	41.	The method of claim 1, further comprising the step of:
2		enabling substantially real-time synchronized audio and video communication
3		between said remote client and said security gateway.
1	42.	The method of claim 1, further comprising the step of:
2		recording audio and video data during a particular time period.
1	43.	The method of claim 42, wherein said particular time period comprises intervals
2		according to a pre-determined schedule.
1	44.	The method of claim 42, wherein said particular time period is determined upon demand
2		of an administrator of said security gateway.
1	45.	The method of claim 42, wherein said particular time period begins prior to triggering of
2		an alarm.
1	46.	The method of claim 42, wherein said particular time period begins upon triggering of an
2		alarm.
1	47.	The method of claim 46, wherein said security gateway continuously caches audio and
2		video data.
1	48.	The method of claim 42, wherein said particular time period begins prior to triggering of
2		a sensor.
1	<del>-</del> 49.	The method of claim 42, wherein said particular time period begins upon triggering of a
2	4	sensor.
1	50.	The method of claim 49, wherein said security gateway continuously caches audio and
2	, , , , ,	video data.
1	51.	The method of claim 42, wherein said recorded audio and video data are used to provide

context for an alarm event.

2

1	52.	The method of claim 49, wherein said security gateway continuously caches audio and
2		video data.
1	53.	A method for remote monitoring of a residential premises, said method comprising the
2		steps of:
3		operatively coupling a remote client to a security system server, said security
4		system server being capable of authenticating a user of said remote client;
5		verifying the identification of said user of said remote client;
6		transmitting an access token from said security system server to said remote
7	. <del>-</del>	client;
8		providing said security gateway with information about said user and said access
9		token;
10		operatively coupling said remote client to a security gateway, said security
11		gateway being capable of managing the monitoring of one or more portions of said
12		premises;
13		activating a signal at said premises for notifying an occupant at said premises that
14		remote monitoring is occurring; and
15		transferring information between said security gateway and said remote client;
16		wherein said user is at a location which is geographically remote from said
17		premises;
18		wherein said security gateway is operably coupled to at least one camera located
19	-	at said premises;
20		wherein said security gateway is operably coupled to at least one audio station
21	4.	located at said premises;
22	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	wherein said access token is adapted to allow said remote client to access said
23	ŧ	security gateway based on said user's permission profile; and
24		wherein said user's permission profile is created by a general administrator of said
25	ř	security gateway.

1	54.	A security system for remote monitoring of a premises by a user of a remote client, said
2		security system comprising:
3		a security system server, said security system server being capable of
4		authenticating said user of said remote client;
5		a security gateway operatively coupled to said security system server via a
6		network, said security gateway being capable of managing the monitoring of one or more
7		portions of said premises;
8		one or more cameras located at said premises and operatively coupled to said
9		security gateway; and
0		one or more audio stations located at said premises and operatively coupled to
1		said security gateway;
2		wherein said user is at a location which is geographically remote from said
3		premises; and
4		wherein said security gateway provides an audiovisual signal at said premises for
5		notifying an occupant at said premises that remote monitoring is occurring.
1	55.	The security system of claim 54, wherein said security gateway comprises a controller
2		capable of performing building automation control functions.
1	56.	The security system of claim 54, wherein said security system provides for streaming
2		data in substantially real-time from said security gateway to said remote client.
1	57.	The security system of claim 54, wherein said security system provides for substantially
2	-	real-time synchronized audio and video communication between said remote client and
3		said security gateway.
1 \	58.	The system of claim 54, wherein said security system server provides said remote client
2	,	with an access token based on a permission profile associated with said user.

1	59.	A security system for remote monitoring of a residential premises by a user of a remote
2	client	, said security system comprising:
3		a security system server, said security system server being capable of
4		authenticating said user of said remote client;
5		a security gateway operatively coupled to said security system server via a
6		network, said security gateway being capable of managing the monitoring of one or more
7	·	portions of said premises;
8		one or more cameras located at said premises and operatively coupled to said
9		security gateway; and
10		one or more audio stations located at said premises and operatively coupled to
11		said security gateway;
12		wherein said user is at a location which is geographically remote from said
13		premises;
14		wherein said security gateway provides an audiovisual signal at said premises for
15		notifying an occupant at said premises that remote monitoring is occurring;
16		wherein said security system provides for streaming data in substantially real-time
17		from said security gateway to said remote client;
18		wherein said security system provides for substantially real-time synchronized
19		audio and video communication between said remote client and said security gateway;
20		and
21		wherein said security system server provides said remote client with an access
22	-	token based on a permission profile associated with said user.

Page 37